

*FIG. 1*

20 : BASE STATION      10 : MOBILE STATION

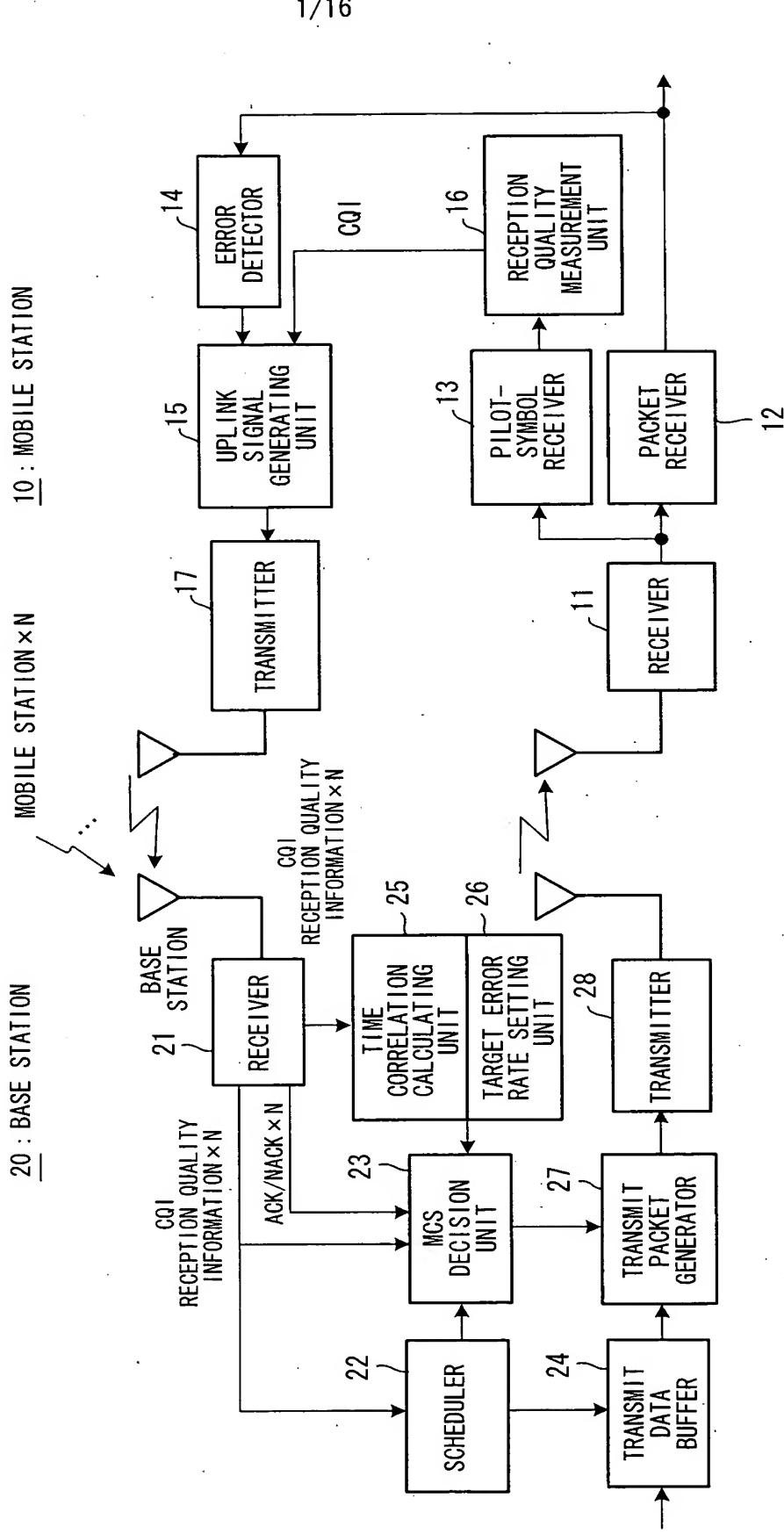


FIG. 2

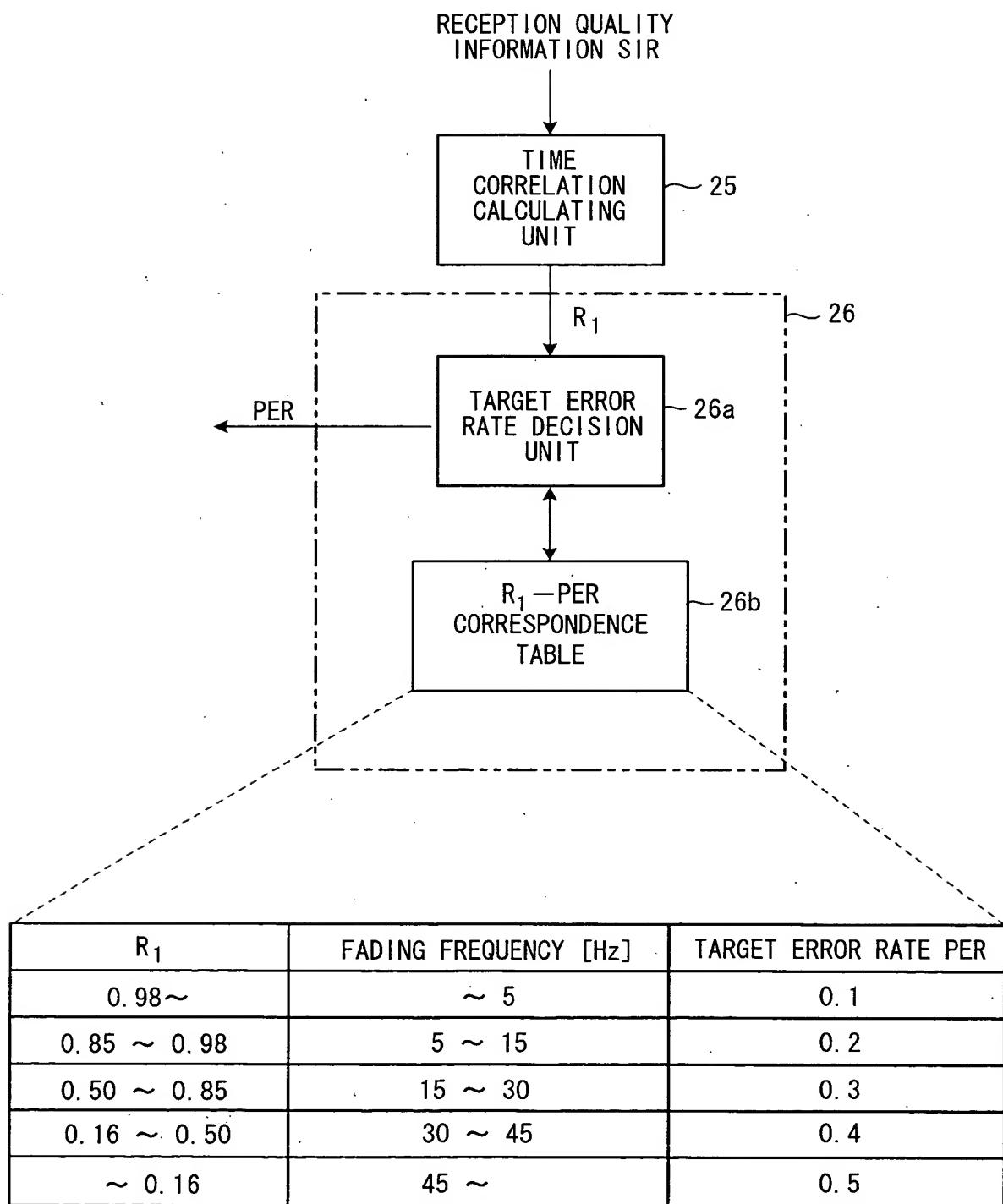


FIG. 3

20 : BASE STATION      MOBILE STATION  $\times$  N      10 : MOBILE STATION

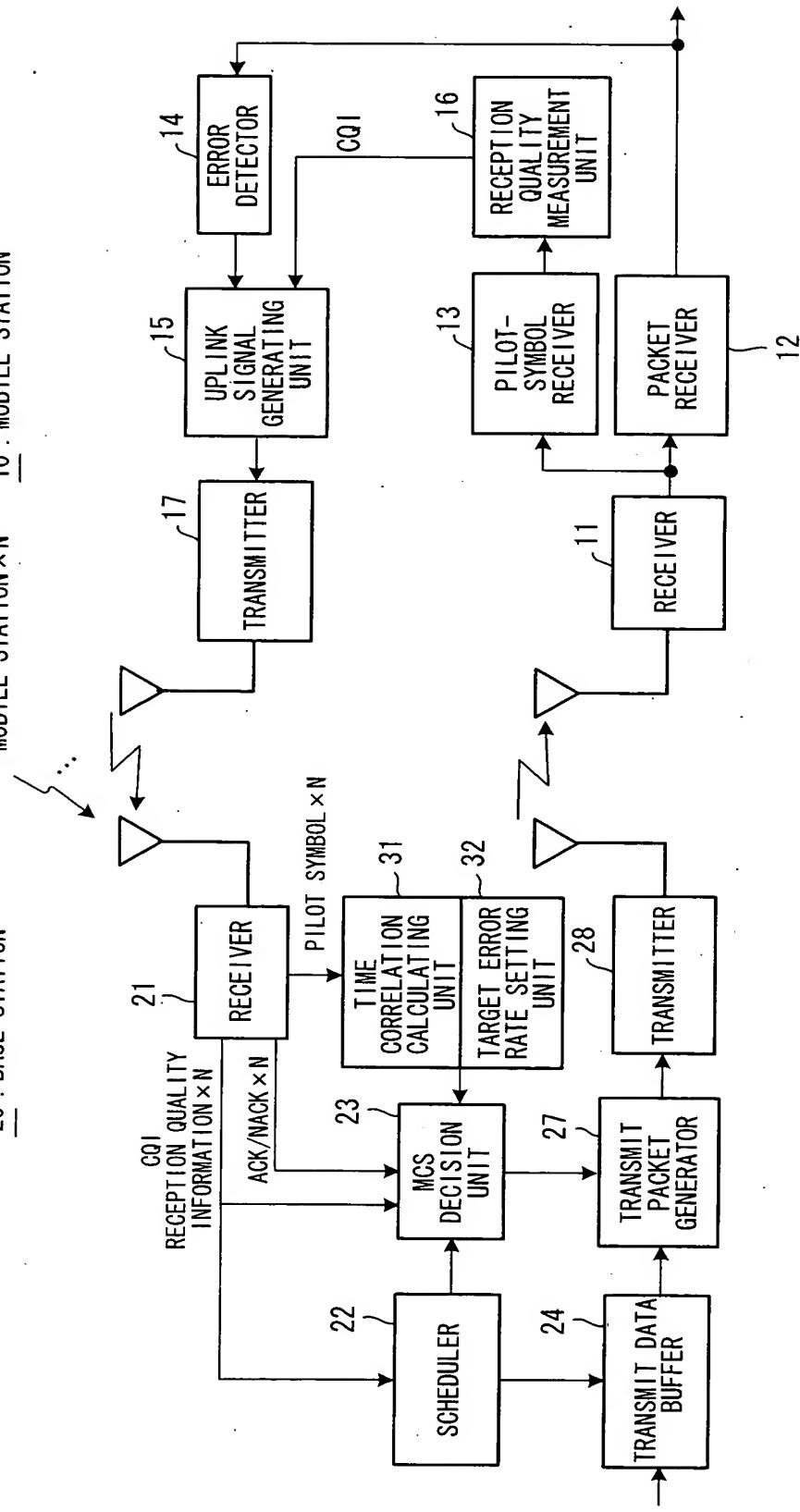


FIG. 4

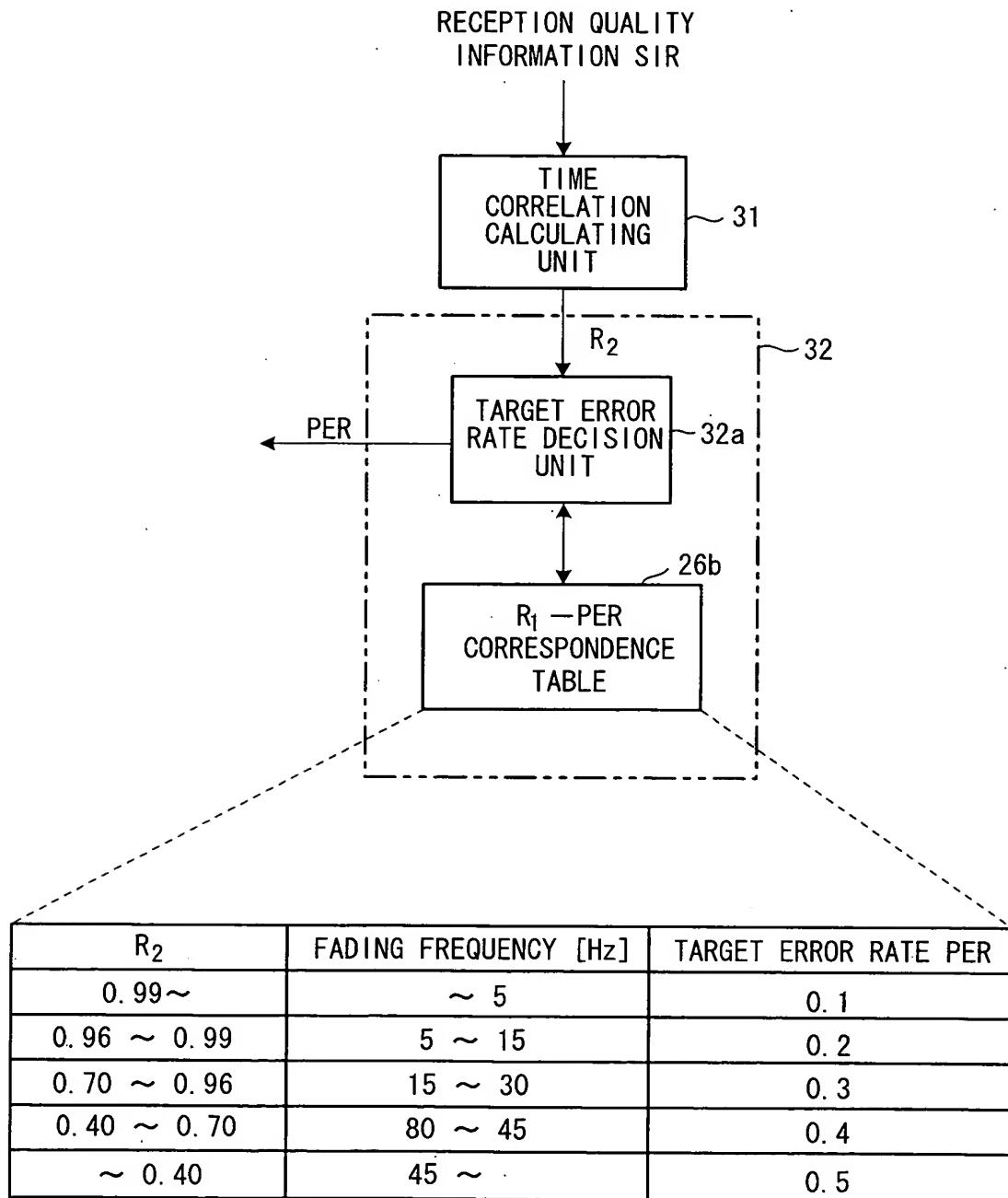


FIG. 5

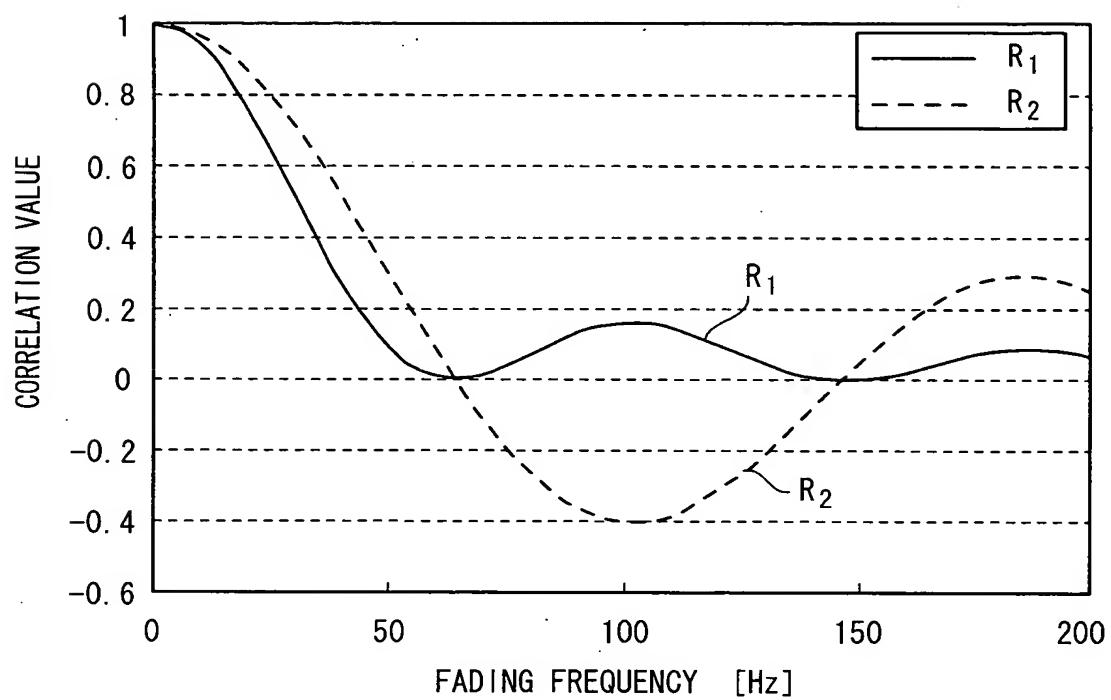


FIG. 6

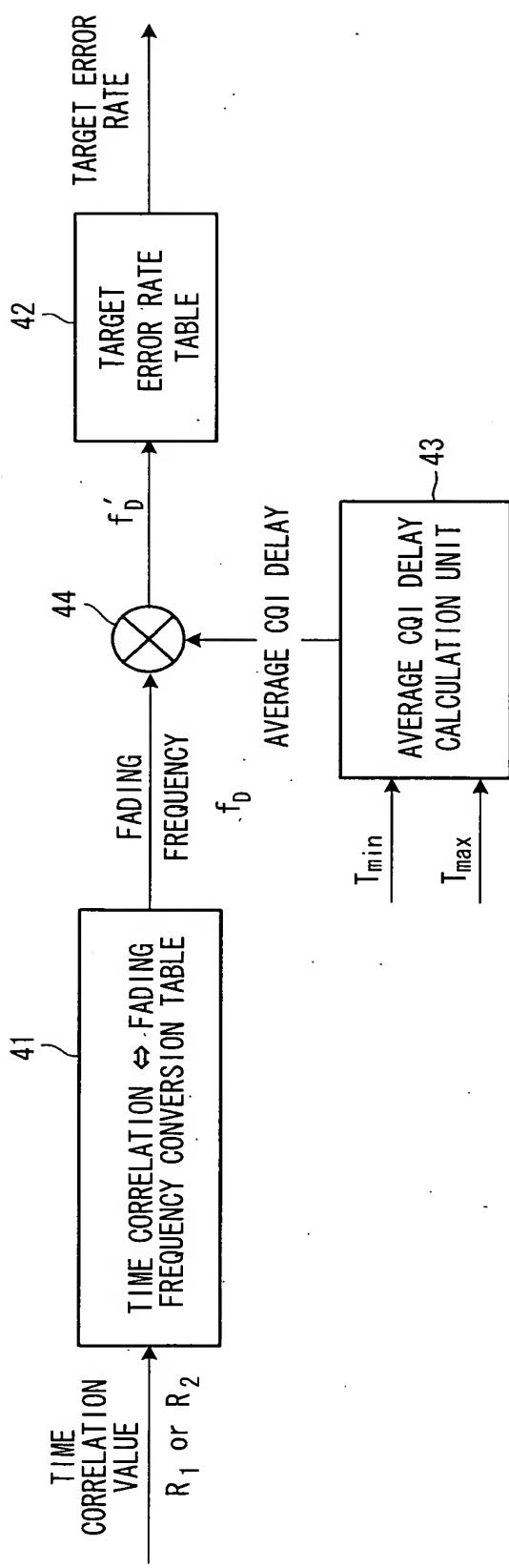


FIG. 7

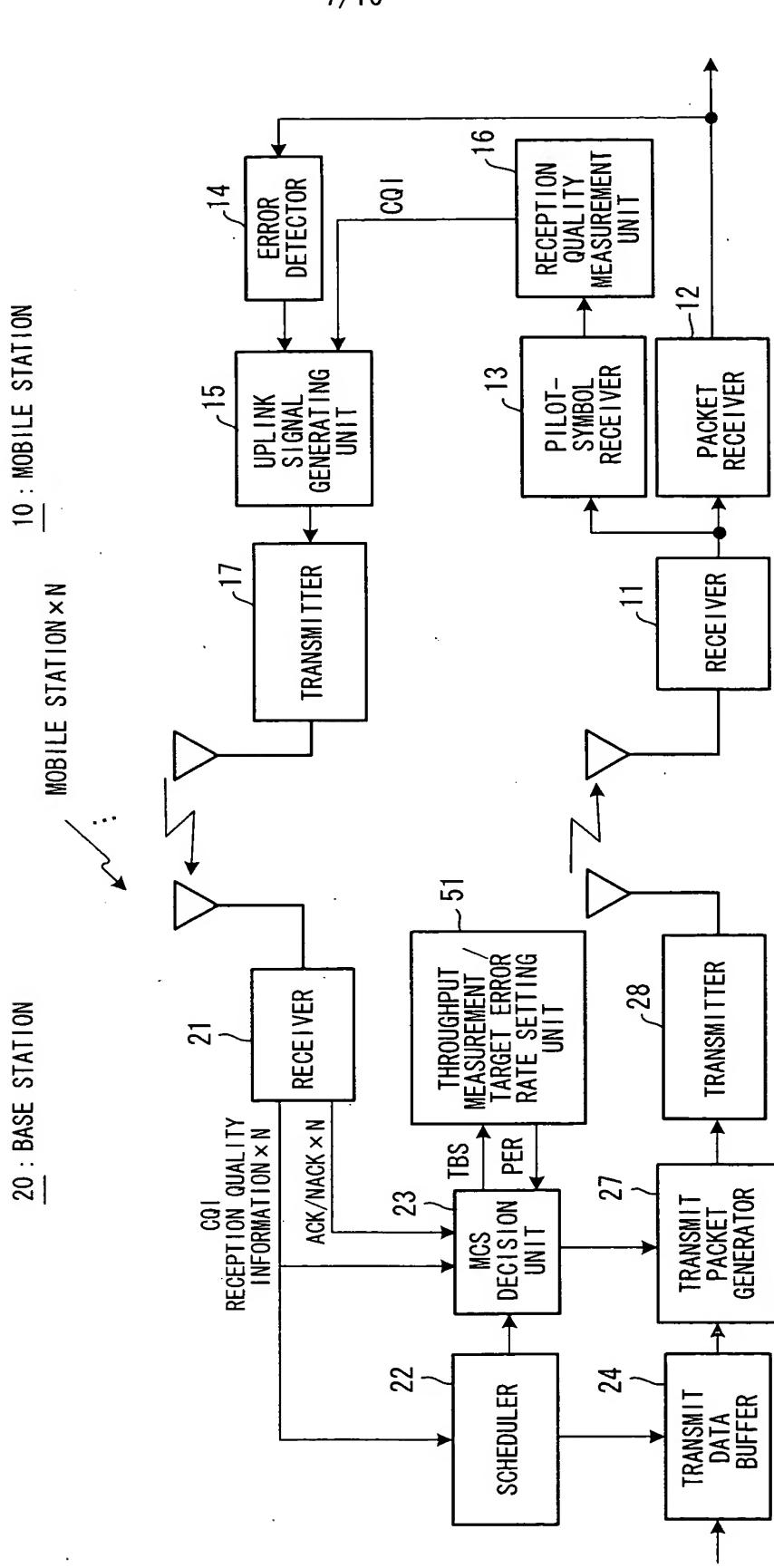


FIG. 8

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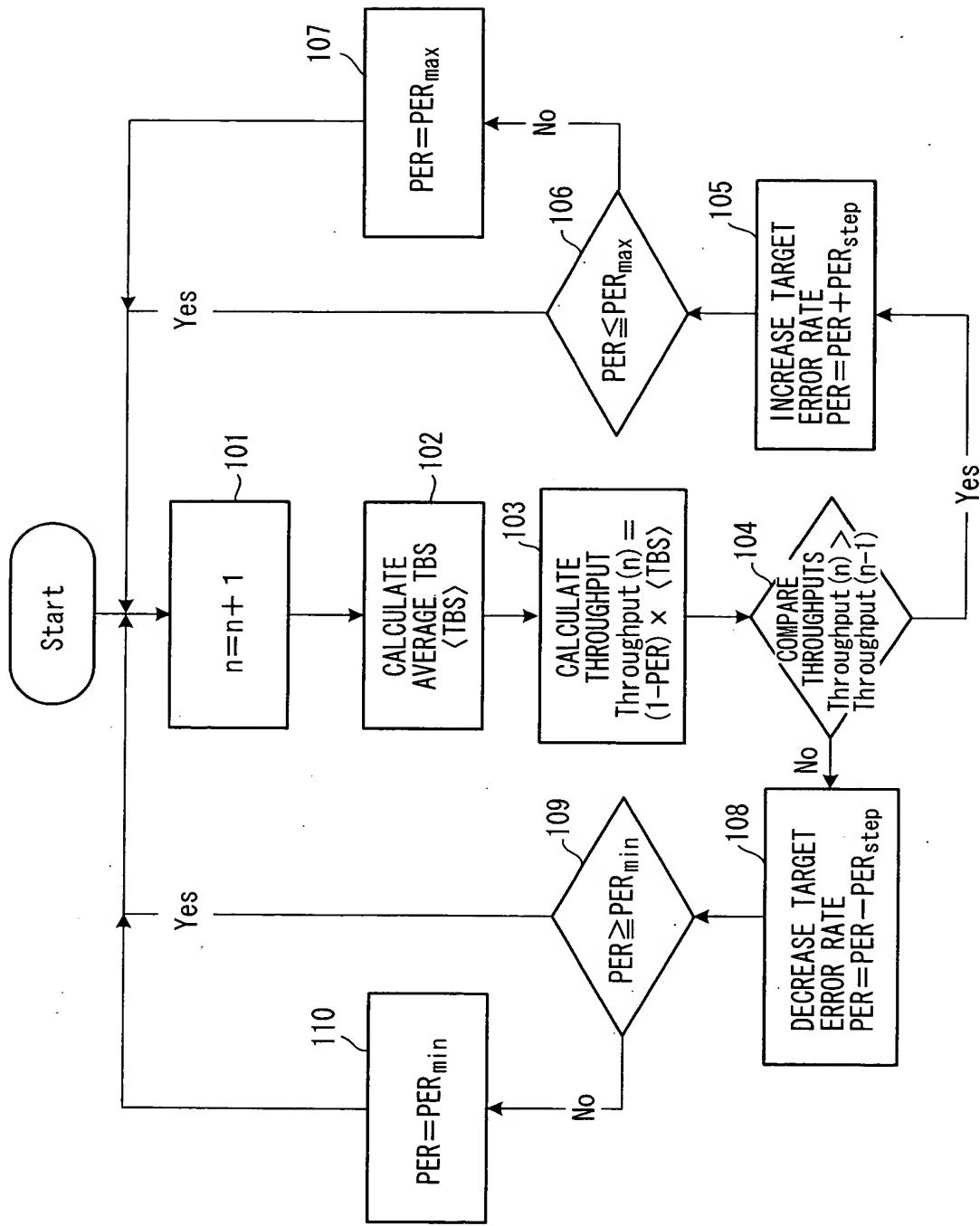


FIG. 9

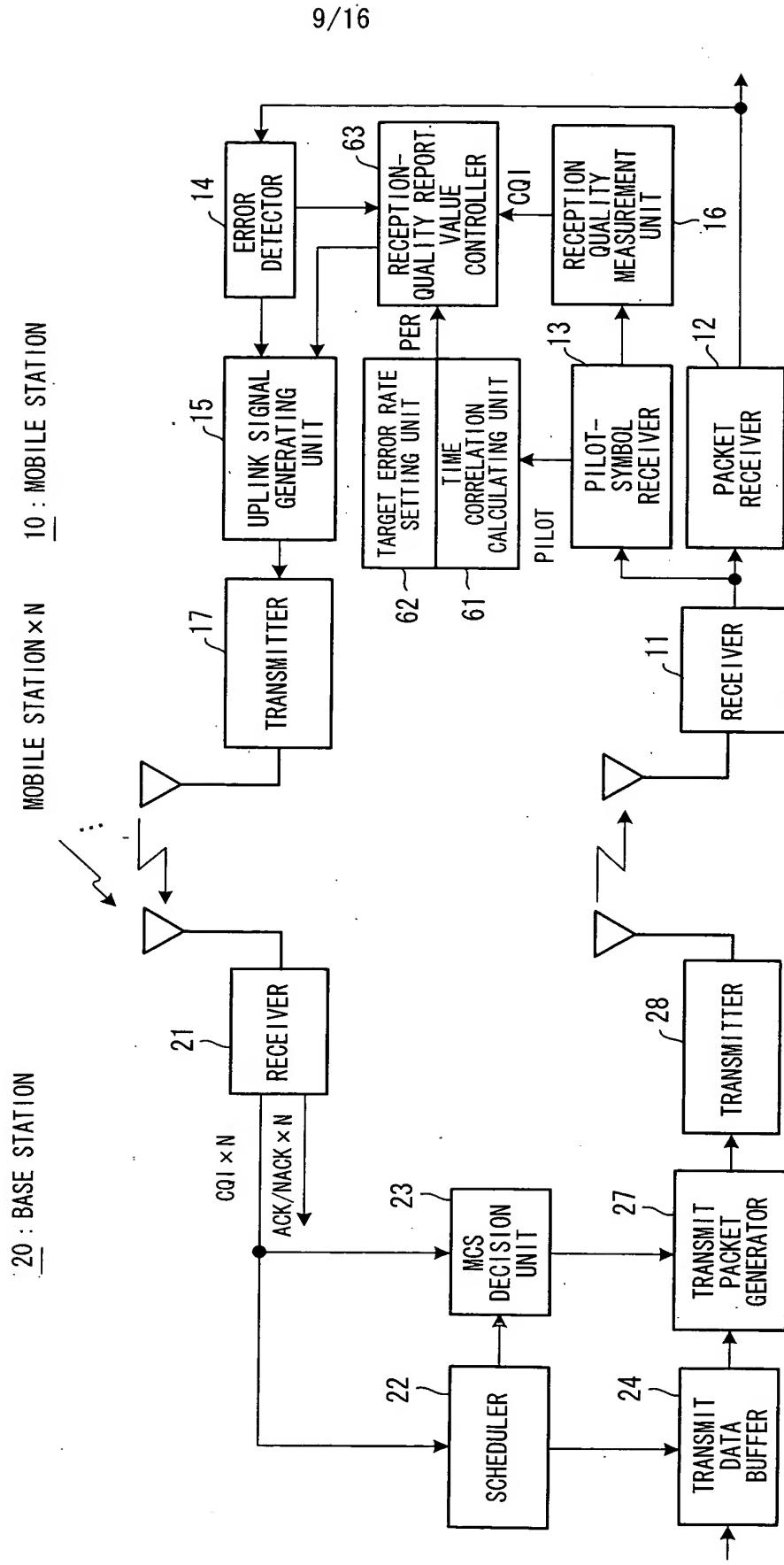
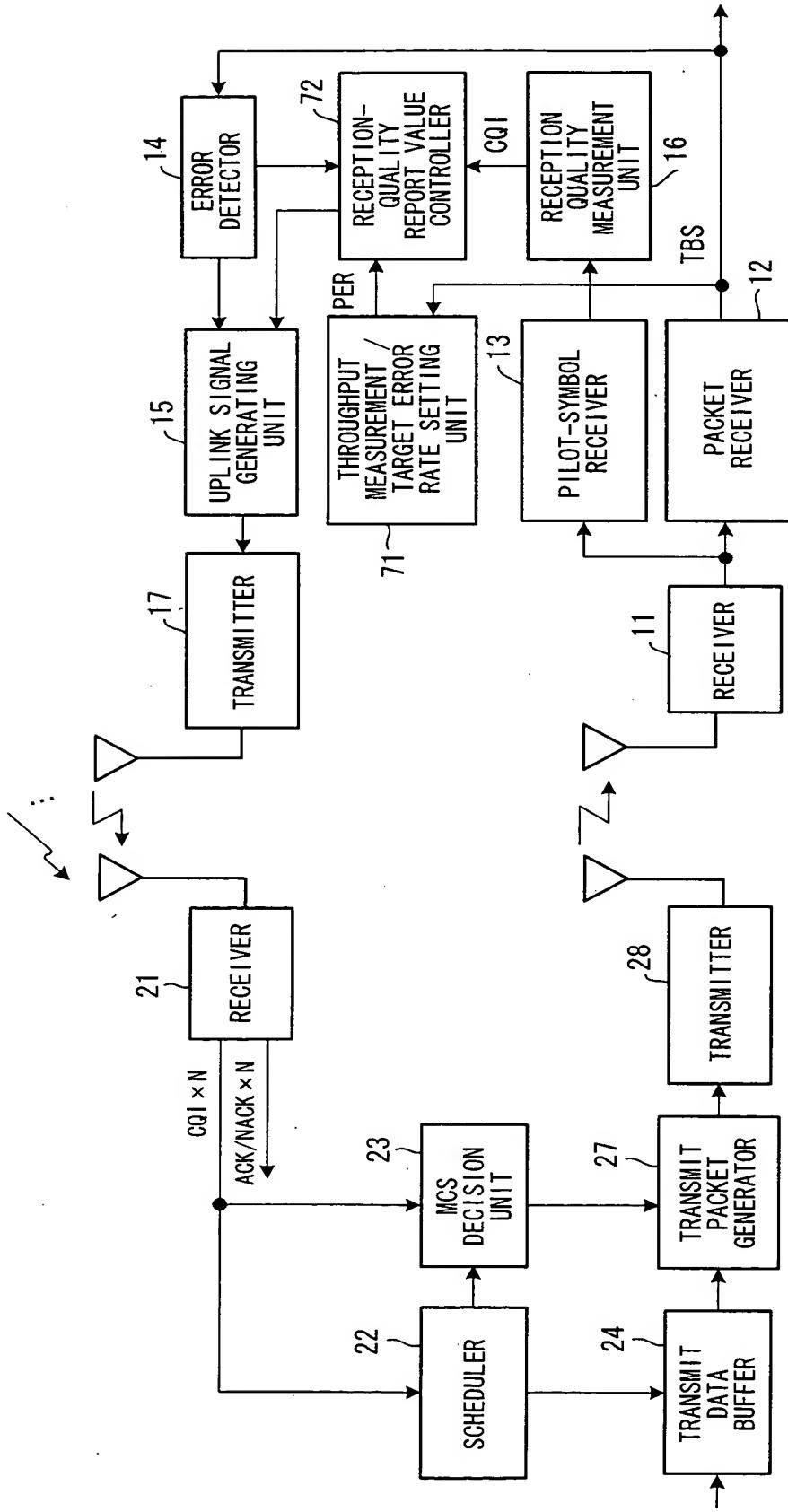


FIG. 10

20 : BASE STATION

## MOBILE STATION $\times N$ 10 : MOBILE STATION

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**FIG. 11 PRIOR ART**

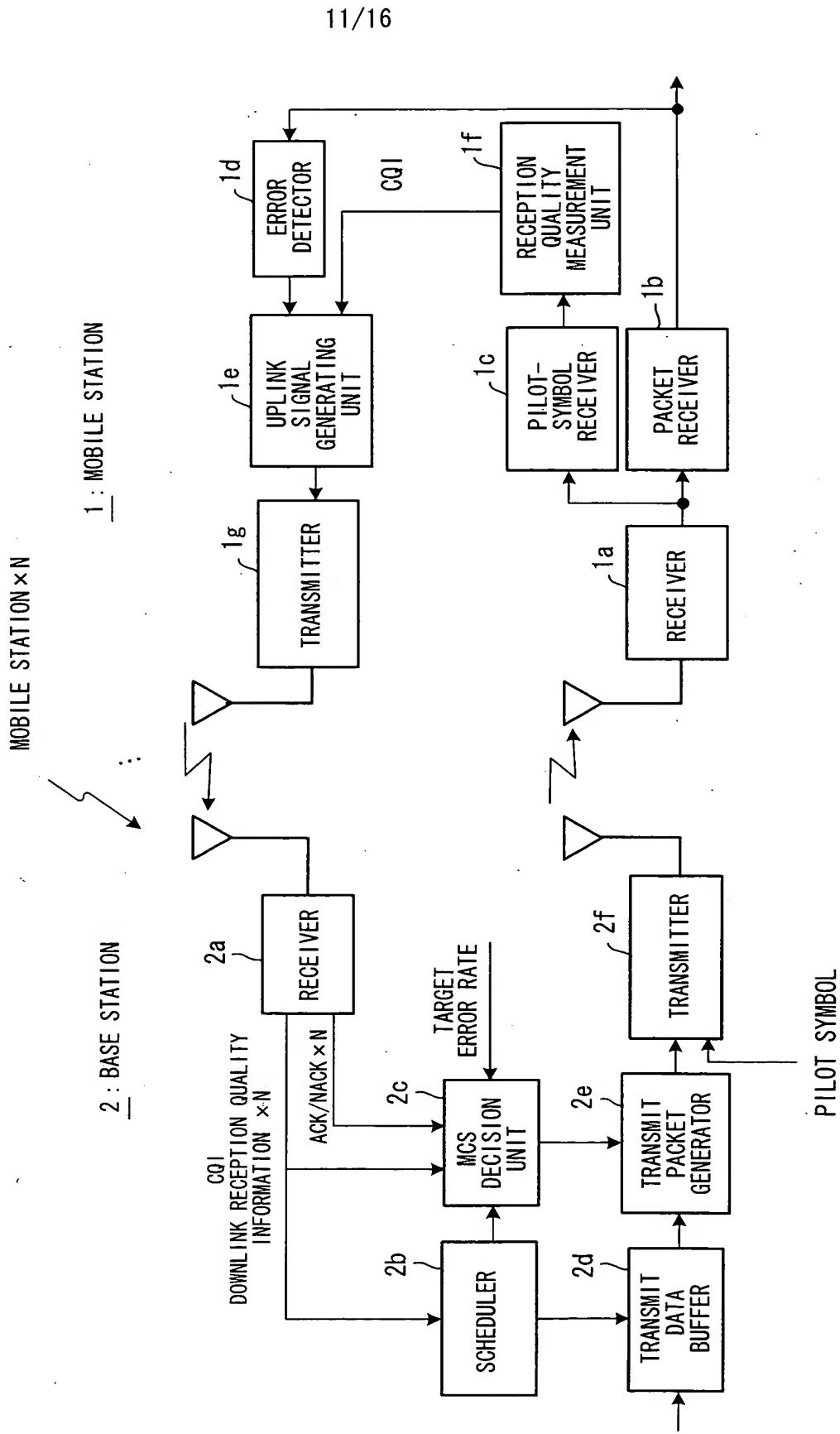


FIG. 12 PRIOR ART

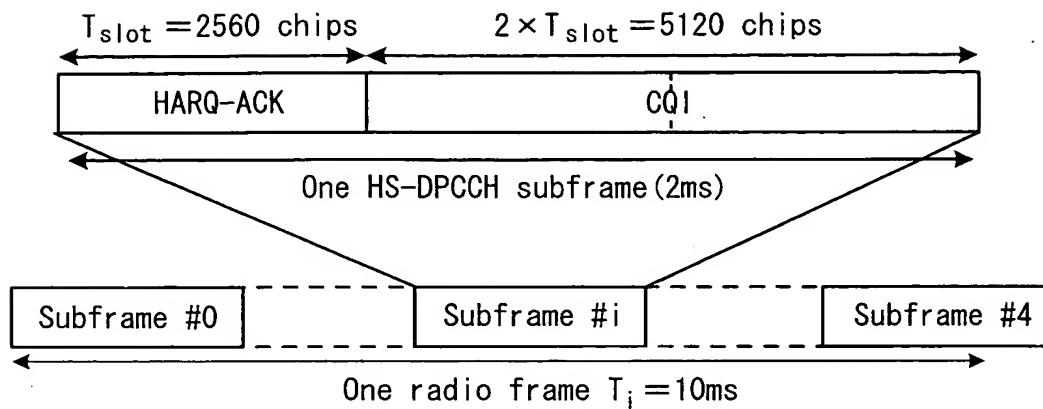


FIG. 13 PRIOR ART

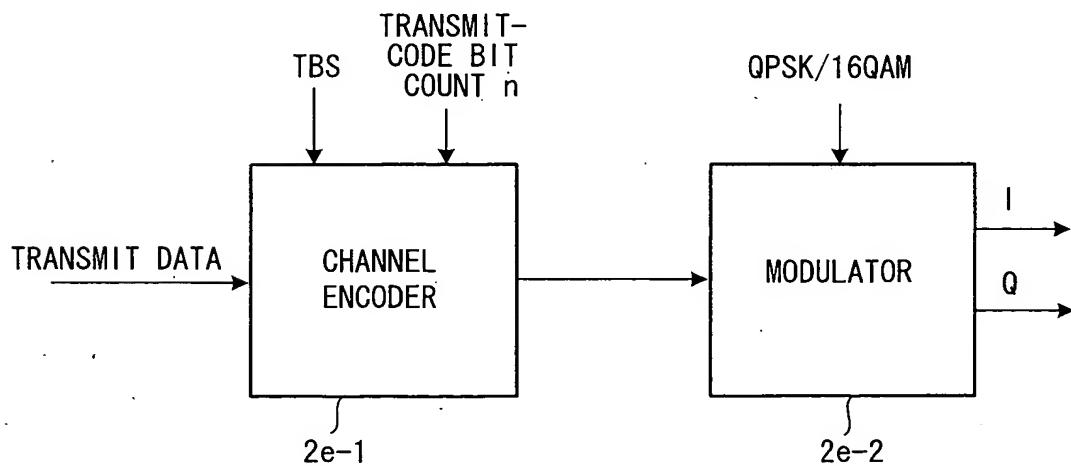
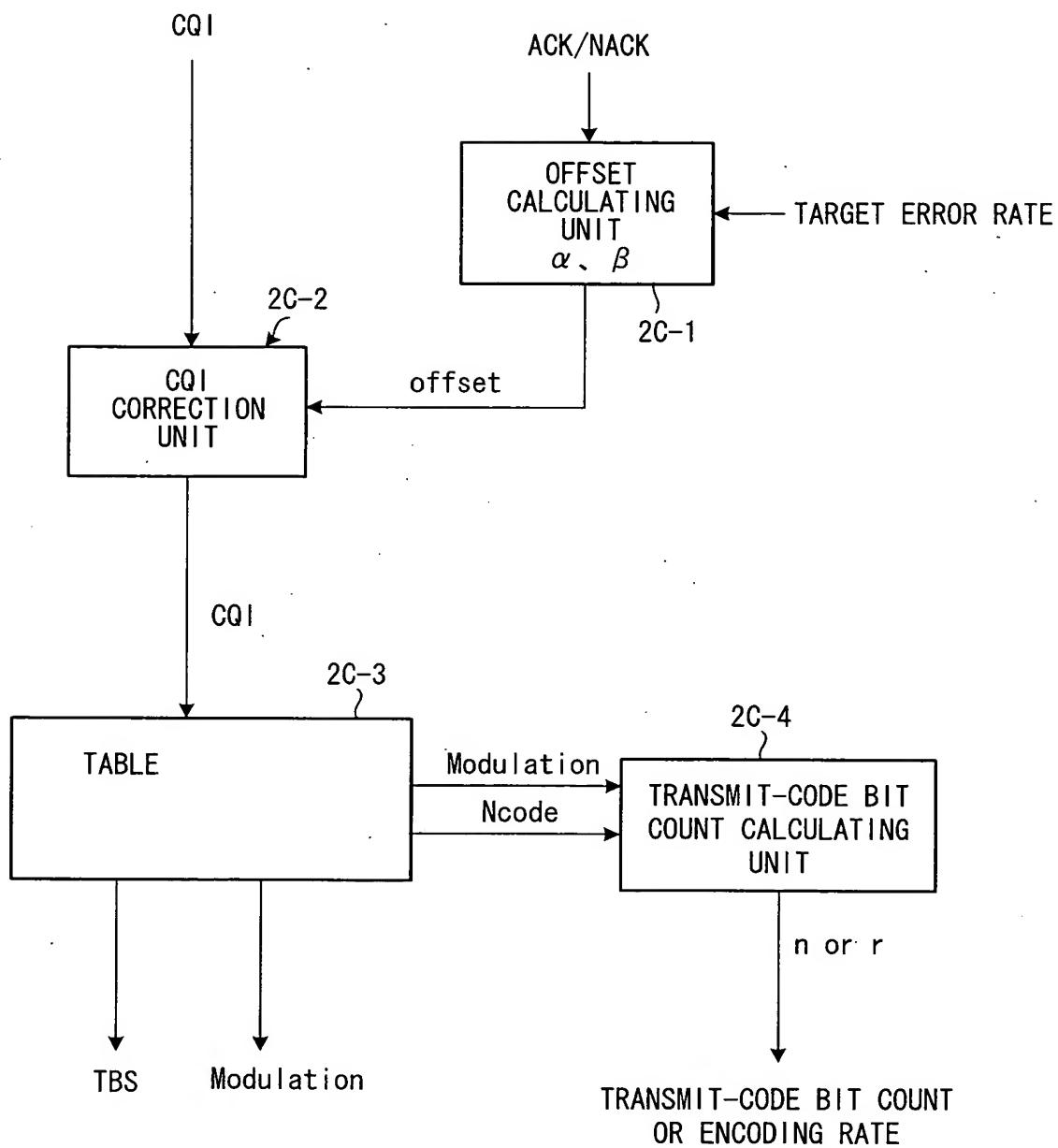


FIG. 14 PRIOR ART



# FIG. 15 PRIOR ART

CQI value	TBS	Ncode	Modulation
1	137	1	QPSK
2	173	1	QPSK
3	233	1	QPSK
4	317	1	QPSK
5	377	1	QPSK
6	461	1	QPSK
7	650	2	QPSK
8	792	2	QPSK
9	931	2	QPSK
10	1262	3	QPSK
11	1483	3	QPSK
12	1742	3	QPSK
13	2279	4	QPSK
14	2583	4	QPSK
15	3319	5	QPSK
16	3565	5	16-QAM
17	4189	5	16-QAM
18	4664	5	16-QAM
19	5287	5	16-QAM
20	5887	5	16-QAM
21	6554	5	16-QAM
22	7168	5	16-QAM
23	9719	7	16-QAM
24	11418	8	16-QAM
25	14411	10	16-QAM
26	17300	12	16-QAM
27	21754	15	16-QAM
28	23370	15	16-QAM
29	24222	15	16-QAM
30	25558	15	16-QAM

FIG. 16 PRIOR ART

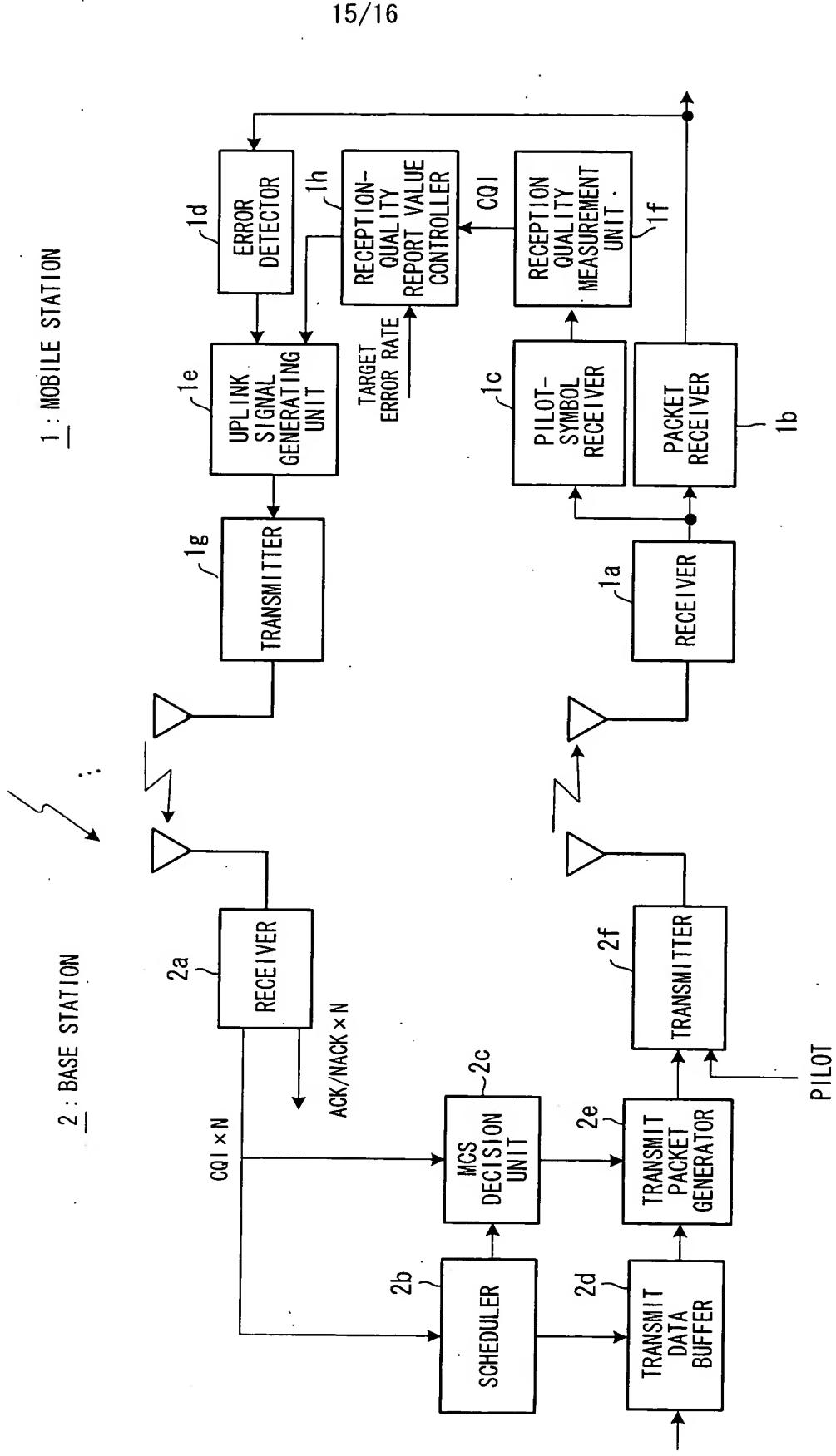


FIG. 17 PRIOR ART

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